Index of Claims

| Application/Control No | Apr | licat | tion/C | ontrol | No. |
|------------------------|-----|-------|--------|--------|-----|
|------------------------|-----|-------|--------|--------|-----|

10/656,450

Examiner

Magdalene K. Sgagias

Applicant(s)/Patent under Reexamination

BRUNICARDI, F. CHARLES

Art Unit

1632

Rejected Allowed

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| | N | Non-Elected |
|--|---|--------------|
| | _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | L. | _ | | | | | | | | | |
|----------|--|-------------------|-------|--|----------|----------|--------------|--------------|----------|----------------|----------|--|
| | | D. (1) | | | | | | | | | | |
| Cla | ıım | L | _ | | | ᆜ | ate | • | _ | _ | | |
| Final | Original | 3/15 | 2/1/2 | /_/ | | | | | | | | |
| | | 3 | | | _ | | | | | | _ | |
| | 1 | 5 | 7 | | | | | | | | | |
| <u> </u> | 2 3 4 5 | Н | ┥ | | | | | | | - | \vdash | |
| | 4 | Н | ┨ | | | | | | | | | |
| | 5 | H | 1 | _ | | | | | | | - | |
| | 6 | Н | ┪ | | | | _ | _ | | | | |
| | 6 7 | Ħ | T | | | | | | | | \neg | |
| | 8 | 11 | T | | | | | | | | \sqcap | |
| | 9 | | | | | | | | | | | |
| | 10 | L | | | | | | | | | | |
| | 11 | L | | | | | | | | | | |
| | 12 | L | 4 | | | | | | Щ | | Щ | |
| | 13 | ┡ | 4 | L., | | | | | Ш | | Н | |
| <u> </u> | 11 12 13 14 15 | - | - | | - | H | | | Н | | \dashv | |
| \vdash | 16 | ╢- | 4 | _ | _ | - | | | \vdash | | H | |
| | 17 | ╫ | 1 | _ | - | H | | | \vdash | | Н | |
| \vdash | 18 | ╫ | | | - | | | _ | \vdash | | \vdash | |
| | 16 17 18 19 20 21 22 23 24 | H | | | | | | | | _ | Н | |
| | 20 | Ħ | 7 | | | | | | | | Ħ | |
| | 21 | Ħ | | | | | | | | | П | |
| | 22 | Ħ | | | | | | | | | | |
| | 23 | Π | | | | | | | | | | |
| Ĺ | 24 | Ц | | | | | | _ | | | | |
| | 25 26 | Ц | | | | | | | | | Щ | |
| | 26 | Н | _ | | | | | | | | Щ | |
| | 27 | H | _ | | | | | | | | Н | |
| | 28 29 | H | _ | _ | | <u> </u> | _ | | | _ | \dashv | |
| | 30 | ₩ | - | ┝ | ⊢ | _ | - | - | ┝ | - | \vdash | |
| | 31 | ╫ | | H | | | | | Н | | Н | |
| | 32 | ╁ | _ | | \vdash | _ | \vdash | _ | | _ | _ | |
| | 33 | Ħ | _ | \vdash | \vdash | _ | _ | _ | _ | | | |
| | 33 34 | | | | | | | | | | П | |
| | 35 | П | | | | | | | | | | |
| | 36 37 | \prod | | | | | | | | | | |
| | 37 | \prod | | _ | _ | | L | <u> </u> | <u> </u> | L | Ш | |
| <u></u> | 38 | # | _ | <u> </u> | <u> </u> | <u> </u> | | _ | | <u> </u> | Н | |
| <u> </u> | 39 | # | _ | <u> </u> | \vdash | \vdash | \vdash | | - | | Н | |
| <u> </u> | 40 | ╬ | - | | ├ | - | | \vdash | \vdash | - | Н | |
| | 41 | # | _ | - | ┝ | - | - | \vdash | \vdash | - | Н | |
| - | 42 | ╫ | - | \vdash | \vdash | \vdash | - | - | | — | Н | |
| 1 | 44 | # | | ┢ | - | | H | | - | _ | H | |
| — | 45 | # | | \vdash | Н | <u> </u> | - | | \vdash | \vdash | \vdash | |
| | 46 | $\dagger \dagger$ | | | | | | | | | Ħ | |
| | 47 | 11 | Ī | Γ | Г | Ι | Ī | | Г | | П | |
| | 48 | \prod | | | | | | | | | | |
| | 49 | \prod | _ | | | | | | | | | |
| | 50 | М | 7 | | | | | | I | I | I 📑 | |

| Cla | im | | | | | | C | ate | • | | | | | Cla | ıim | | | | | | ate |) | | | _] |
|-------|----------|-------------|-----------|----------|----------|-----------|----------|----------|--|--|--------------|--------------|---|-------|----------|--------|----------|----------------|---|----------|----------|----------|----|----------|-----------------|
| Final | Original | | 111/100 | <u> </u> | | | | | | | | | | Final | Original | 70/6/1 | 2/1/2/11 | • | | | | | | | |
| | 1 | - | = | | _ | t | ┪ | | | | | | | | 51 | - | 7 | \neg | | | | | | \neg | ヿ |
| | 2 | | | | | I | | | | | | | | | 52 | 1 | | | | | | | | | |
| | 3 | | \square | | | | | | | | | | | | 53 | | | | | | | | | | |
| | 4 | Ц | Ц | | | l | \Box | | | | | | | | 54 | Ц | ╛ | \Box | | | | | | | |
| | 5 | Ц | Ц | | L | 1 | | | | | | | | | 55 | Ц | | | | | | | | | Ц |
| | _6 | Ц | | | L | ļ | _ | | | _ | | | | | 56 | | Ц | _ | _ | | | | | | |
| | 7 | Ц | | | | 1 | _ | | | | | | | | 57 | L | ļ | | | | | | | | |
| | 8 | И | _ | | | + | _ | | | | | _ | | | 58 | L | # | \dashv | | | | | | \vdash | \dashv |
| | 9 | # | _ | | L | + | | | | | H | | | | 59 | H | ∦ | \dashv | - | | | | | \dashv | _ |
| | 10 | ⊬ | - | | - | + | \dashv | | | | | _ | | | 60 61 | L | ╢ | - | - | | | | | | \dashv |
| | 12 | ⊩ | _ | | - | $^{+}$ | \dashv | | | | | | | | 62 | H | ╢ | | - | | _ | | | \dashv | \dashv |
| | 13 | ╟ | _ | | ┢ | + | \dashv | | | _ | - | | | | 63 | - | H | | _ | | | | | \dashv | \dashv |
| | 14 | H | _ | _ | | t | \dashv | | | | H | | | | 64 | - | H | - | | | _ | | | \neg | \dashv |
| | 15 | ┢ | - | | - | t | ┪ | | | | | | | | 65 | H | H | | | | _ | | | П | \dashv |
| | 16 | 1 | _ | | Τ | t | | | | | | | ĺ | | 66 | П | 1 | | | | | | | | コ |
| | 17 | T | | | | T | ╗ | | | | | | | | 67 | П | 7 | | | | | | | | П |
| | 18 | П | | | Г | T | | | | | | | | | 68 | | П | | | | | | | | |
| | 19 | П | | | Γ | Ī | | | | | | | | | 69 | | | | | | | | | | |
| | 20 | Ц | Ì | | | I | | | | | | | | | 70 | | | | | | | | | | |
| | 21 | Ц | | | L | ⊥ | | | | | | | | | 71 | Ц | | _ | | <u> </u> | | | | | Ш |
| | 22 | Ц | | | L | 1 | | Ŀ | | | | | | | 72 | Ц | Ц | | | | | | | | \Box |
| | 23 | Ц | | _ | L | 1 | _ | | <u> </u> | _ | <u> </u> | ļ | | | 73 | Ц | 4 | _ | | Ľ | | | | | |
| | 24 | Ц | | | L | 1 | _ | | _ | <u> </u> | | | | | 74 | Ц | 4 | _ | | _ | | | | | Ш |
| | 25 | Н | _ | | ┝ | ╀ | _ | | <u> </u> | _ | _ | _ | | | 75 | Н | - | _ | | L | | | | | Н |
| | 26 | Н | _ | | <u> </u> | ╀ | _ | | <u> </u> | _ | | <u> </u> | | | 76 77 | H | 4 | _ | | ┝ | _ | | _ | Н | \vdash |
| | 27 | Н | _ | | ├ | ╀ | - | | ┢ | _ | \vdash | | | | 78 | H | - | _ | _ | ┝ | | | | | Н |
| | 28 29 | H | _ | _ | ┝ | ╁ | - | — | | ├ | - | ┝ | 1 | | 79 | H | \dashv | _ | | \vdash | | | | | $\vdash \vdash$ |
| | 30 | H | _ | - | ┢ | ╁ | - | | | ├ | ┝ | - | | - | 80 | Н | ┨ | - | | \vdash | | | - | | $\vdash \vdash$ |
| | 31 | H | _ | | ┢ | $^{+}$ | | | | | | | 1 | | 81 | Н | 7 | | | | | | | | Н |
| | 32 | lt | | _ | ┪ | † | _ | | _ | _ | ╁ | | 1 | | 82 | Н | | | | - | _ | _ | _ | | |
| | 33 | Ħ | _ | | ┪ | t | _ | _ | | | | - | 1 | | 83 | Н | | | | \vdash | _ | | _ | _ | \Box |
| | 34 | H | | | 十 | t | | | | | | \vdash | | | 84 | H | H | | | | | | | | П |
| | 35 | П | | | | T | | | | | | | | | 85 | | | | | | | | | | |
| | 36 | П | | | | T | | | | | | |] | | 86 | | | | | | | | | | |
| | 37 | \prod | | | | Ι | | | | | | |] | | 87 | | | | | | | | | | |
| | 38 | Ц | _ | L | L | 1 | | | | | <u> </u> | | | | 88 | Ц | | | | _ | | <u> </u> | L_ | | |
| | 39 | Ц | | L | ╙ | 1 | | _ | | _ | <u> </u> | <u> </u> | | | 89 | Ц | _ | | | <u> </u> | _ | ļ | _ | _ | L |
| | 40 | | | _ | ┡ | 4 | | | _ | <u> </u> | | _ | | | 90 | Ц | | | | | <u> </u> | ļ | | | Ш |
| | | I | | | <u> </u> | 4 | _ | | | | <u> </u> | 1 | | | 91 | Ц | | | _ | <u> </u> | ļ | <u> </u> | _ | \vdash | \vdash |
| | 42 | \parallel | _ | _ | ╀ | + | | <u> </u> | - | | | ├ | | | 92 | Н | - | | | ┝ | <u> </u> | | - | H | Н |
| | 43 | H | | _ | - | + | | - | - | ├- | | | 1 | | 93 94 | Н | Н | | | _ | <u> </u> | | | | Н |
| | 44 45 | H | _ | _ | ⊢ | + | | <u> </u> | | ⊢ | ├ | | 1 | | 95 | ┝ | Н | | | | ⊢ | - | | \vdash | Н |
| | 45 | H | _ | | ╁ | + | | \vdash | \vdash | \vdash | \vdash | \vdash | | ļ | 96 | ┝ | Н | - | | - | \vdash | \vdash | ├- | - | Н |
| | 47 | H | _ | - | \vdash | + | | \vdash | \vdash | \vdash | \vdash | \vdash | | | 97 | H | Н | _ | | \vdash | | - | | H | \vdash |
| | 48 | H | H | \vdash | t | \dagger | _ | \vdash | | | | | 1 | | 98 | T | Н | | | | \vdash | \vdash | | Н | Н |
| | 49 | ۲ | T | Т | t | † | | | | | t | T | 1 | | 99 | T | П | \overline{r} | | T | Г | | | Г | П |
| | 50 | 1 | V | | T | Ť | | | | Γ | | Π | 1 | | 100 | Г | V | | | | | | | | |
| | | | _ | | • | - | | | • | | · | - | | | | _ | | | | | | | | | |

| Cla | aim | Date | | | | | | | | | | | |
|-------|--|---------------------------------------|------------|--|--|--|--------------|--|--|------------|--|--|--|
| | | > | | | | | | | | | | | |
| a | Original | 2 | | | | | | | | | | | |
| Final | įĝ | ~ | | | | | | | | | | | |
| | Õ | И | | | | | | | | | | | |
| | 101 | H | _ | _ | | - | Н | | | =i | | | |
| | 101 | F | | | | | | | | \dashv | | | |
| | 102 103 | Ш | | _ | | | \vdash | | | \dashv | | | |
| | 103 | Ш | | | | | | | | \dashv | | | |
| | 104 | Ш | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | | | | | | | |
| | 104 105 | | _ | | | | | | | | | | |
| | 106 | | | | | | | | | | | | |
| | 107 | | | | | | | | | | | | |
| | 108 | П | | | | | | | | | | | |
| | 109 | Π | | | | | | | | | | | |
| | 110 | П | | | | | | | | | | | |
| | 110 111 112 113 | Π | | | | | | | | | | | |
| | 112 | \sqcap | Т | | | | | | | \square | | | |
| | 113 | 1 | | T | | \Box | | | | Н | | | |
| | 114 115 116 | H | Н | | \vdash | | | | \vdash | \vdash | | | |
| | 115 | ${\sf H}$ | Н | | ┢ | | \vdash | | | \vdash | | | |
| | 116 | H | \vdash | \vdash | _ | | H | | | H | | | |
| | 117 | + | | - | - | \vdash | \vdash | | \vdash | \vdash | | | |
| | 117 | ₩ | ┝ | \vdash | | ├ | | - | \vdash | \vdash | | | |
| | 118 119 | <u>•</u> | \vdash | \vdash | <u> </u> | \vdash | ⊢ | | | \dashv | | | |
| | 119 | Y. | ├ | | | | | | | Н | | | |
| | 120 | V | <u> </u> | <u> </u> | | _ | | | _ | Ш | | | |
| | 121 | V | <u> </u> | | _ | <u> </u> | | <u> </u> | | Ш | | | |
| | 122 | V | <u> </u> | _ | _ | <u> </u> | | L | <u> </u> | Щ | | | |
| | 123 | ソソソソソ | | | $oxed{oxed}$ | 匚 | | _ | | | | | |
| | 121 122 123 124 125 | ~ | | | | | | | | | | | |
| | 125 | V | <u> </u> | | | _ | | | | Ш | | | |
| | 126 127 128 129 130 131 | V | L | L | | _ | _ | | | Ш | | | |
| | 127 | V | | L | _ | _ | L | | | Ш | | | |
| | 128 | V | | | | | | | | Ш | | | |
| | 129 | V | | | | | | | | | | | |
| | 130 | V | | | | | | | | | | | |
| | 131 | V | | | | | | | | П | | | |
| | 132 133 134 135 | V | | 1 | | | Γ | | | М | | | |
| | 133 | V | | İ | | | Г | | | П | | | |
| | 134 | V | 1- | 1 | | | | | | Н | | | |
| | 135 | Ϊ́ν | | t | \vdash | _ | \vdash | Ι | 1 | \vdash | | | |
| | 136 | Ιv | 1 | H | \vdash | \vdash | \vdash | | | \vdash | | | |
| | 137 | V V V V V V V V V V V V V V V V V V V | t | t | | | | <u> </u> | | Н | | | |
| | 137 138 | Ď | <u> </u> | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | Н | | | |
| | 139 | 1 | \vdash | \vdash | \vdash | | | \vdash | \vdash | Н | | | |
| | 140 | ' | | \vdash | H | | \vdash | | - | Н | | | |
| | 141 | \vdash | \vdash | +- | \vdash | \vdash | \vdash | \vdash | \vdash | Н | | | |
| | 142 | \vdash | | \vdash | \vdash | \vdash | \vdash | - | - | \vdash | | | |
| | | | | ├- | \vdash | ⊢ | \vdash | \vdash | \vdash | | | | |
| | 143 | \vdash | \vdash | \vdash | \vdash | ├ | ├- | | - | - | | | |
| | 144 | ⊢ | \vdash | \vdash | | - | ├ | \vdash | - | Н | | | |
| | 145 | \vdash | \vdash | \vdash | ⊢- | ├ | ├ | - | - | | | | |
| | 146 | ⊢ | ├ | ₩ | ļ | \vdash | ├ | <u> </u> | \vdash | Н | | | |
| | 147 | | <u> </u> _ | ┡ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Щ | | | |
| | 148 | <u> </u> | <u> </u> _ | | \vdash | \vdash | _ | <u> </u> | <u> </u> | _ | | | |
| | 149 | <u> </u> | _ | <u> </u> | | _ | | | <u> </u> | | | | |
| L | 150 | | <u>L</u> | <u> </u> | | <u> </u> | | | | <u>l</u> . | | | |
| | | | | | | | | | | | | | |